

FIG.1A-3

The Market and Market

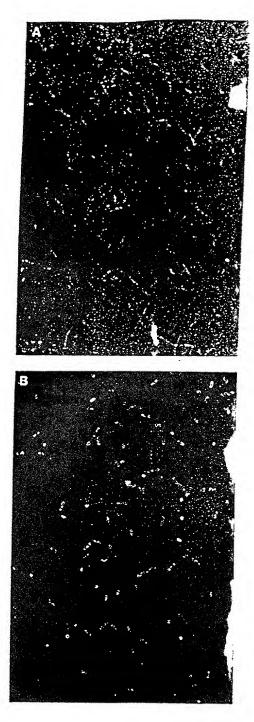


FIG. 2A-B

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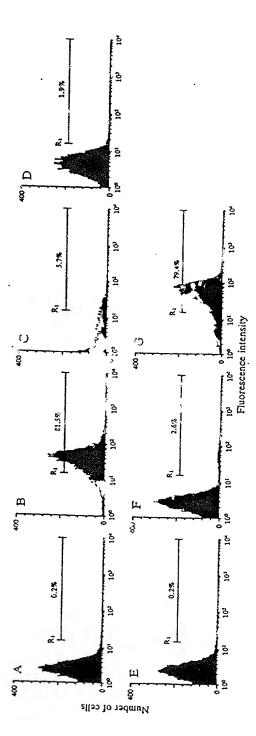
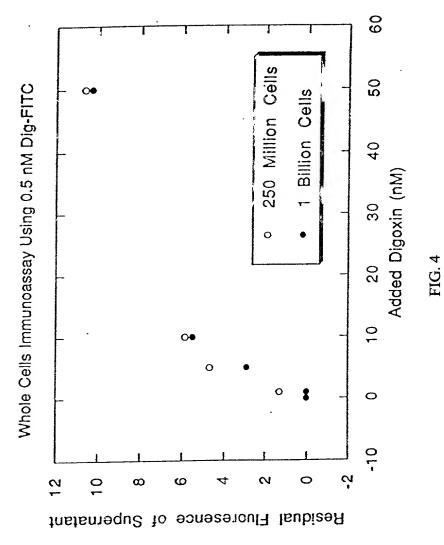
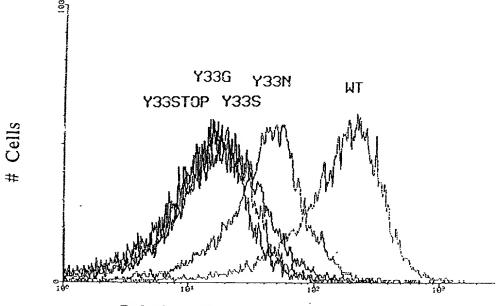


FIG. 3A-G





Relative Fluorescence Intensity

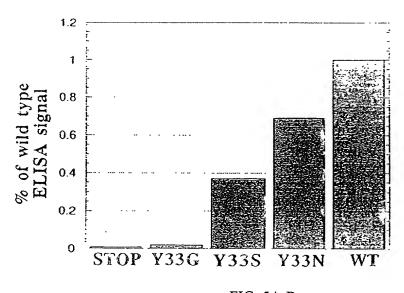
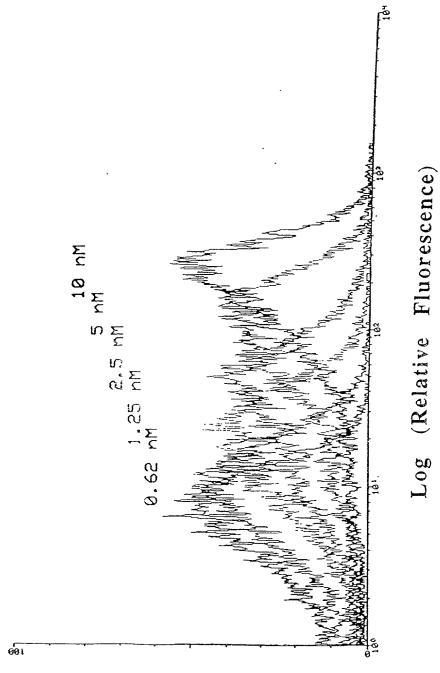
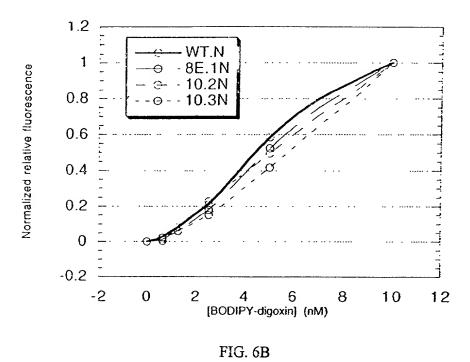


FIG. 5A-B



Cells #



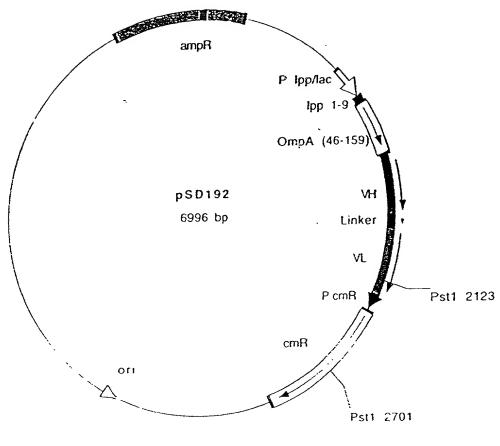
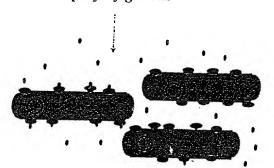
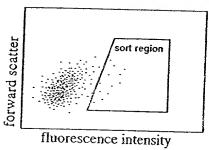


FIG. 7

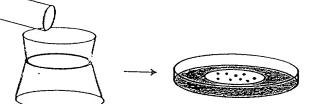
- 1. transform plasmid scFv library and amplify by growth
- 2. incubate antibodyexpressing cells with fluorescently tagged antigen



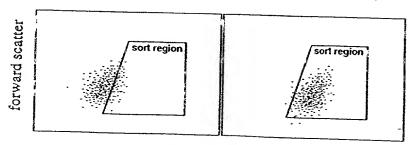
3. sort high - fluorescence cells by FACS



4. collect sorted cells by filtration and amplify on an agar plate



5. assay colonies for highaffinity antigen binding by flow cytometry



fluorescence intensity

FIG. 8

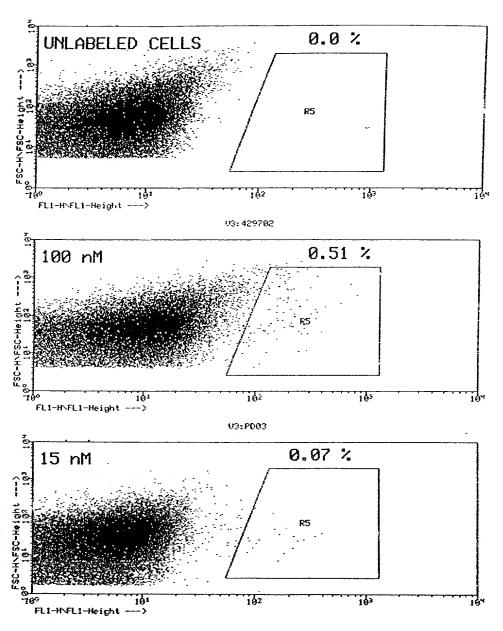
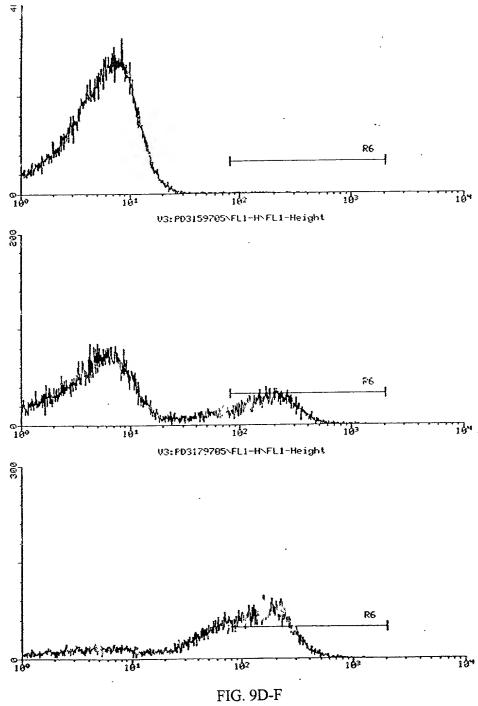


FIG. 9A-C

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## TETRAMETHYLRHODAMINE-BODIPY SUBSTRATE

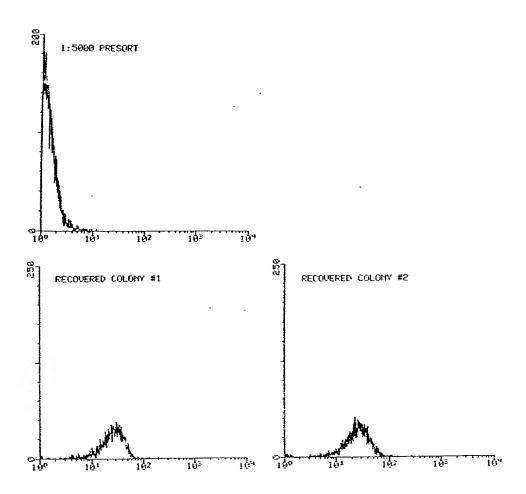


FIG. 12A-C

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